

**TRASSI<sup>®</sup>**

Experience in CCTV  
surveillance

**SINCE 2002**

**15 000 +**

loyal customers  
around the globe

**3**

R&D centers

**42**

countries with TRASSIR  
installations



TRASSIR®

# Video Surveillance System for a premium residential complex

Residential and Commercial property



## "DAP YAPI"

"DAP YAPI" is an innovative premium residential complex that provides its residents with a high level of service and security, as well as well-developed internal infrastructure.

Comprehensive customer security is our top priority. The above technical solution is indicated as a standard one.

### Solution

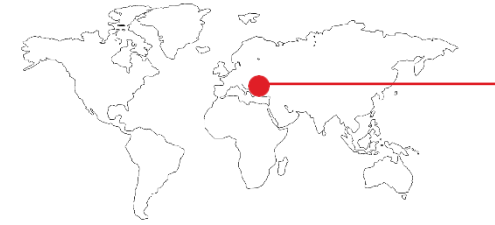
- VMS TRASSIR;
- IP cameras TRASSIR.



### Project objectives

Amid the intense competition dominating the residential real estate market, the developers are all the more compelled to create added value for customers.

Unconventional design solutions integrating comprehensive infrastructure packages combined with a high standard of service have long ago become an inherent must for premium residential developments. Over the recent years, this 'musts' list has included the customers' steadily growing need for security.



Turkey, Istanbul



### Surveillance in the field

To achieve the customers goals, we installed a 24/7 CCTV system covering all the recreational, common, and garden areas.

IP cameras form a single VMS TRASSIR-based system, streaming the data to the compound's central control room, and the image is displayed on the video wall so the security team can respond fast to any incidents like spotting strangers, trespassers or non-permitted vehicles or other situations needing a response.

### Outcome

By applying automated CCTV technology to solve routine tasks, we were able not only to make the property really safe for its residents, but also helped make the security services become appreciably more effective.





TRASSIR®

# Video Surveillance System for International Airport

Transportation and Warehousing



## Video Surveillance system for International Airport

Almaty International Airport is the largest airport in Kazakhstan and the busiest in all of Central Asia. There are up to 220 flights per day.



### Project objectives

The airport security is a critical field of protecting most vulnerable assets of strategic importance with the management and operating teams are facing new challenges all the time due to the inherently high counter terrorism requirements.

### Solution

- TRASSIR IP - a professional recording and visualization software;
- TRASSIR Face Recognition;
- TRASSIR Left Object Detector;
- TRASSIR ActiveDome - unique, high-speed reversing camera control modules;
- TRASSIR ActiveDome FIX - extra observation channel modules;
- TRASSIR Client network stations;

### Additional

- The large number of video recorders with video analytics support within a single facility;
- Organization of five network workplaces;
- Wide analytical tools for the security of a full cycle.

Comprehensive customer security is our top priority. The technical solution indicated above is the standard solution.

Kazakhstan, Almaty



### Surveillance in the field

To improve the airport's video surveillance system to comply with counter-terrorism regulations.



### Outcome

- Wide functionality with an impressive balance of price and quality;
- Economy on back - end part;
- Deployment of the pilot on the object.





# Video Surveillance System for the administrative building

Smart city

## District Administration (Akimat ) Building in Atyrau

The office of the Akim of Atyrau region provides guidance and control over the activities of the akimat and akim in Kazakhstan's unofficial oil capital.



### Project objectives

The recent years saw the breakthrough in the video analytics domain. Systems have become able to spot scores of incidents and to generate scores of incident alerts) they used to be able to spot and generate, and their capabilities and functions range are expanding consistently.

### Solution

- IP-cameras with vandal-proof casing;
- TRASSIR DuoStation Pro NVR;
- TRASSIR Face Recognition;
- Sigur ACS, plus a Surveillance and E-Fit Facial Identification analytics module;
- TRASSIR Sigur software enables integration with the Sigur ACS.



### Additional

- Integration with existing ACS;
- Innovative facial recognition technology;
- Minimizing manual operations and increasing security levels at the facility.



Kazakhstan, Atyrau



### Surveillance in the field

To deploy the ACS and CCTV systems.



### Outcome

- Easy work with the archive;
- Working with databases;
- Face detection from any angle.

Comprehensive customer security is our top priority. The technical solution indicated above is the standard solution.



TRASSIR®

 **Özdilek** PARK  
BURSA NİLÜFER

# Video Surveillance System for hypermarket chain

Retail and Horeca



## An ÖZDİLEK supermarket

An ÖZDİLEK supermarket is the largest retailer in Turkey. Operating for 40 years, it combines 14 shopping centers, 7 supermarkets, 8 department stores, and more than 100 home textile stores.



### Project objectives

A key function retail businesses tasked to software developers was to reduce store losses due to theft and human error.

Comprehensive customer security is our top priority. The above technical solution is indicated as the standard.



### Solution

- TRASSIR UltraStation;
- TRASSIR ActivePOS - automatically detects violations and immediately sends notifications to employees responsible for the site;
- TRASSIR IP cameras.



### Surveillance in the field

To enable visibility via video surveillance system and to monitor/control checkout operations.



### Outcome

- Security team responds faster to any violations or suspicious incidents;
- Decrease of losses.

### Additional

- Integration with existing ACS;
- Innovative facial recognition technology;
- Minimizes manual operations and increases security levels at the facility.







# Video Surveillance System for non-woven fabric factory

Manufacturing



North America,  
Europe, Middle East,  
Eastern Europe,  
India, China, Asia

## Non-woven fabric factory

Single surveillance system based on all of the existing modules for an Israeli-based leader in the global manufacturing of market-leading, non-woven fabric solutions, supplying 33 countries worldwide from manufacturing sites in Israel, the United States, China with 68 outlets and factories all over the globe.

Comprehensive customer security is our top priority. The above technical solution is indicated as the standard.



### Project objectives

Major businesses covering extensive geographical area generally need a single corporate video surveillance solution to monitor all of a company's systems from the same control center with the ability to generate video analytics reports from all subsystems in a consolidated manner.



### Surveillance in the field

To create a single surveillance system using all the company's existing modules and develop a scalable system as the corporate standard.



### Outcome

- Monitoring the entire subsystem's functionality and availability;
- Visualization capabilities and centralized licensing;
- Single authorization point and account details;
- Access to 100% of the surveillance system's resources.



### Solution

- TRASSIR Enterprise IP, professional software for major distribution of video surveillance systems.





# Video Surveillance System for the residential area

Smart city



Brazil, Rio de Janeiro

# DOWNTOWN

## OownTown Centro

DownTown Centro is a project of a unique scale consisting of 20 sectors hosting a variety of stores, coffee shops, bars, and restaurants. DownTown is a city within a city located within the heart of the country's second largest metroplex.



### Project objectives

Increasing safety of shopping malls in a country with a high crime rate is a key added value component for shoppers.

Comprehensive customer security is our top priority. The above technical solution is indicated as the standard.

### Solution

- TRASSIR AnyIP professional video recording and imaging software;
- LCD panels;
- IP cameras.



### Surveillance in the field

To enable video surveillance monitoring for one of the center's sectors.



### Additional

The system was fine-tuned to meet the customer's high standards and already contained analytics and convenient archiving capabilities, so the customer's extensive requirements for the system in terms of efficiency and convenience in use were met 100%.



### Outcome

- 24/7 monitoring of the premises;
- Automatization of routine tasks for the security team.



A full-page background image showing a male worker in a steel plant. He is wearing a white hard hat with a red light, safety glasses, and a dark blue work shirt with reflective green stripes. He is holding a tablet and looking at it. The background is filled with glowing orange molten metal and industrial structures.

TRASSIR®

## Video Surveillance System for steel plant

Manufacturing



## Colakoglu Metalurji smelter

Colakoglu Metalurji smelter is a major steel industry manufacturer with more than 75 years of history. Extensive development and continuous investment in innovation has allowed the company to become a recognized industry leader, as well as to receive prestigious industry awards annually.

Comprehensive customer security is our top priority. The above technical solution is indicated as the standard.



Turkey,  
Kocaeli Province



### Project objectives

In the steel industry, it is crucial to comply with the strict occupational safety requirements as failure to respond rapidly can lead to injury and even death.



### Surveillance in the field

To ensure safe operation within steel processing shops and maintain perimeter security.



### Solution

- TRASSIR IP cameras;
- NVRs;
- Control area with video wall.



### Outcome

All cameras installed at the smelter stream to the video wall located in the control area, and smart scenarios provide tools to respond to unauthorized visitors or other threats, as well as instances of occupational safety neglect.





TRASSIR®

# Video Surveillance System for residential complex

Residential and Commercial property



Turkey,  
Istanbul



## Project objectives

The "INNOVA 2" luxury compound encompasses residential buildings and a wealth of infrastructure, covering an area of 93k square meters. It includes playgrounds, sports zones, beauty salons, coffee shops, supermarkets, and swimming pools.

Residents enjoy a high level of service that is hard to imagine in the modern world without security services and systems.



## Outcome

- Single hybrid system;
- Improving the security team's efficiency using convenient archiving and retrieval, and quick response capabilities for certain scenarios triggered by automated alerts;
- Security staff and equipment respond to specific events without constant monitoring of video streams from an array of cameras.

## "INNOVIA 2"

INNOVIA 2 is a scenic premium-class, modern residential compound with its own infrastructure. Due to its convenient location and high level of service, the complex is popular among tourists visiting Istanbul.



## Solution

- VMS TRASSIR;
- TRASSIR UltraStation;
- CCTV cameras;
- Analogue NVRs;
- SIMT movement detectors.



## Surveillance in the field

To ensure 24/7 monitoring of the compound and its buildings.

We care about the safety of our customers. This solution is given as a typical one for the industry.



# Video Surveillance System for a large retail chain

Retail and Horeca





## Selgros Cash & Carry Romania

Selgros Cash & Carry Romania is a key Romanian retail chain and a leading national wholesale retailer. The chain is represented by 23 supermarkets across the country.



### Project objectives

Airport security is a critical field for protecting vulnerable assets of strategic importance with management and operating teams constantly facing new challenges due to inherently high counter terrorism requirements.

### Solution

- AutoTRASSIR, a smart license plate recognition module;
- AZiGUARD security system;
- TRASSIR Neuro Detector module to detect both people and vehicles.

### Additional

- Return on investment within 1 year;
- Control of vehicle access and anti theft gates;
- Monitoring and control of loading ramps;
- High quality security for perimeter protection;
- Tracking of relevant events based on set parameters;
- Identification of all vehicles parked or moving in parking lots or within warehouses by license plate number.



Romania



### Surveillance in the field

To create a centralized monitoring system for all the chain's stores and adjacent areas.



### Outcome

- A comprehensive solution to improve the existing security and Access Control System;
- Reduction of security payroll;
- Minimization of financial losses caused by theft;
- An effective tool for marketing analysis.

Comprehensive customer security is our top priority. The above technical solution is indicated as the standard.





# Video Surveillance System for a large retail chain

Retail and Horeca



## Auchan

Auchan is a major retail chain in Romania with 33 supermarkets and employing roughly 11k people.



### Project objectives

TRASSIR systems' historical advantage is that they can be quickly and flexibly integrated with customers' existing systems. We have done a global review together with the customer in order to determine the main integration requirements.



### Solution

- VMS TRASSIR;
- ActivePOS checkout operations control module.



### Surveillance in the field

To build an integrated security system WMS comprising the TRASSIR ACS, anti car theft, LPR for access control at the warehouse, perimeter defender for the warehouse and fire safety systems, and the break-in prevention systems.

### Additional

- Customization according to individual needs;
- High quality monitoring of all POS transactions;
- Warehouse access control.



### Outcome

- A complex solution using multiple platforms with a single control center;
- Unified reporting from all POS terminals identifies all employees who violated employee conduct regulations or otherwise acted unacceptably on store premises.

Comprehensive customer security is our top priority. The above technical solution is indicated as the standard.

TRASSIR®

# Video Surveillance System for construction materials distributor

Transportation and Warehousing



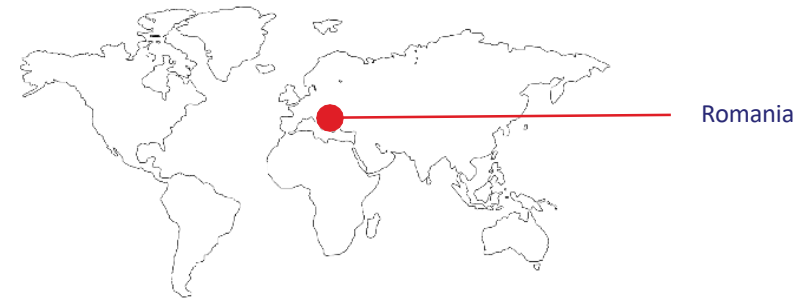




## ARABESQUE

ARABESQUE is Romania's No. 1 construction solutions supplier and distributor with 38 points of sale and 21 warehouses at various locations within the country. The company has over 3 200 employees, and its logistics are carried out by a fleet of over 1 000 specialized trucks.

Comprehensive customer security is our top priority. The above technical solution is indicated as the standard.



### Project objectives

Enabling automated control of warehousing facilities in order to prevent theft and other errors in handling goods is a key task for any major company with an extensive network of warehouses.



### Surveillance in the field

To enable access control for individuals and vehicles and secure the perimeter.



### Outcome

- Reducing security costs by more than 30;
- Quick archive search for violation incidents;
- Setting up incident alerts for the security service;
- Loading and unloading operation monitoring.

### Solution

- TRASSIR IP cameras;
- NVRs;
- Control area with video wall.



# Video Surveillance System for the retail chain

Retail and Horeca





## PROFI

PROFI is Romania's largest retail chain with more than 1 500 outlets across the country's cities, towns, and villages. The chain is represented with different sizes convenience stores.

Comprehensive customer security is our top priority. The above technical solution is indicated as the standard.



### Project objectives

Problems typically faced by retailers are theft, fraud, and salesforce errors. It is hard to imagine that modern retail business management could fail to understand the importance of video surveillance and security systems as tools for informing the company's profits.

### Solution

- VMS TRASSIR.



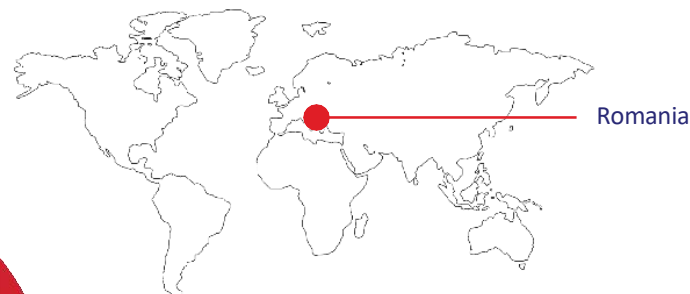
### Surveillance in the field

To enable migration of existing security systems to a unified platform in order to coordinate/align teams' operations.



### Outcome

- Combining existing systems into a complete, unified solution;
- Marketing analysis tools± visitor stream analysis, queue and shelf space utilization control;
- Unified VMS system for all the chain's stores.







TRASSIR®

# Video Surveillance System for Cardboard production

Manufacturing

## ROMCARTON

ROMCARTON is a major Eastern European corrugated cardboard packaging mill with an area of nearly 35 000 square meters.

### Solution

- VMS TRASSIR;
- AutoTRASSIR license plate recognition system;
- TRASSIR Neuro Detector module to detect both people and vehicles;
- TRASSIR Face Recognition.



### Project objectives

All industrial businesses seek not only to ensure the security of their assets, but also to monitor production operations and compliance with occupational safety precautions and numerous other requirements.

It is important that in addition to monitoring and security functions, customers also have monitoring processes that are automated to the full possible extent to provide fast responses and extensive involvement of security personnel.



### Surveillance in the field

To enable occupational safety and thoroughly monitor production operations.



### Outcome

- Reduction of security payroll costs by approximately 25;
- Notification scenarios implemented;
- Minimization of false positives.

### Additional

- 24/7 monitoring of all areas of interest;
- The overarching platform combines CCTV systems with the ACS;
- Analytical modules for object detection and facial recognition;
- Comprehensive.

Romania,  
Bucharest



Comprehensive customer security is our top priority. The above technical solution is indicated as the standard.



An aerial photograph of the Tema Istanbul residential complex. The image shows a large-scale urban development with numerous high-rise apartment buildings. The buildings are primarily white with red and blue accents. Some buildings have circular rooftop pools. The complex is surrounded by green spaces, including lawns, trees, and a winding path. In the background, a large body of water (the Bosphorus) is visible, along with other city buildings and hills. The TRASSIR logo is in the top left corner.

TRASSIR®

Tema Istanbul

# TRASSIR Ensures Security of the Largest Residential Complex in Istanbul

Residential complexes



## Tema Istanbul, residential complex

Europe's largest ultramodern residential complex (1.5 million sq. m) designed to accommodate 16,000 people. It is promoted as an ambassador of new culture and lifestyle: its all-inclusive centre contains 3,530 apartments, a shopping mall, residences, parks, swimming pools, playgrounds, and service infrastructure.



### Video surveillance in the industry

For residential complexes:

- Ensuring security on the territory and around its perimeter;
- Prevention of theft, vandalism, damage to equipment, vehicles;
- Prevention of fires, terrorist attacks;
- Control of access to the territory;
- Optimisation of parking management and usage;
- Control over staff performance;
- A video archive with long-term storage of video recordings can be used as an evidence base for identifying crimes and resolving conflicts.



### Project objectives

- Implement a surveillance system that ensures total control over the territory and guarantees the safety of residents, visitors, and property. Scalable and provides 'health control' - a self-diagnostic tool for malfunctions that allow prompt correction;
- Optimise the staff and the security service duties;
- Provide checkpoint access control;
- Create a deep archive that stores the evidence base for the investigation of criminal or controversial situations.



### Benefit

The customer is completely satisfied with the TRASSIR video surveillance system solution: full control over a territory exceeding 1.5 million sq. m and its perimeter, making the facility an unattractive site for robbers. TRASSIR SIMT intelligent tracking detectors ensured optimisation of security service staff and their duties. AutoTRASSIR at the checkpoint provided recognition of vehicle license plates, automatic entry/exit of vehicles. The TRASSIR Cloud self-diagnostic service reports malfunctions and other problems making it possible to fix them quickly. An archive of video recordings is stored in the cloud. The base of collected evidence makes it easy to find offenders and perpetrators of property damage. Video surveillance increased staff discipline and labor productivity at the complex. The system is scalable, making it possible to extend and increase the number of controlled zones. The number of channels will soon reach 800, and Tema Istanbul will become the largest and safest residential complex in Turkey.



Turkey,  
Istanbul



### Solution

We have implemented an uninterrupted video surveillance system with TRASSIR Cloud self-diagnostic services, a 'deep' cloud archive. The system reduces the workload of security services, is scalable, and allows for capacity increase. Equipment used:

- IP cameras;
- TRASSIR SIMT - multifunctional motion detector and tracker;
- AutoTRASSIR analytical module;
- TRASSIR Cloud self-diagnostic service;
- TRASSIR Cloud archive.



# TRASSIR Ensured Security at KIA Motors Dealership in Colombia

Business/Car dealership



Kia Corporation is a South Korean automotive company, the second largest car-maker in the Republic of Korea and seventh worldwide. It is part of the Hyundai Motor Group.



## Surveillance in the field

- Ensuring security on the territory and around the perimeter;
- Prevention of theft and damage to equipment;
- POS control;
- Prevention of abnormal situations, collection of evidence base on incidents.

Colombia,  
Bogotá



## Project tasks

The customer has projected a digital transformation in sales at the dealership using AI functions to provide clearer audience segmentation and transfer clients from 'cold' to 'hot' based on data collected about their behaviours and preferences. Video analytics modules by TRASSIR will provide:

- Counting unique visitors and facial recognition;
- Analysing client demographic profiles;
- Recording time of staff arrival;
- Visualising a heat map of car showrooms;
- A deep archive for searching and collecting evidence on incidents.



## Outcome

The introduction of TRASSIR video surveillance provided complete 24/7 security at the dealership, reduced losses from theft, fraud, and damage to equipment. Available remote staff audit. Video analytics boosted sales. AI has proven to be an effective tool for analysing client preferences and motivating them toward purchases. Deep archive with quick search by incident stores the evidence base for investigating abnormal situations. The pilot project was successful and marked the beginning of a long-term collaboration with KIA Motors, bringing TRASSIR both profits and reputational benefits.

We care about the safety of our customers. This solution given is a typical one for this field.

## Solution

- TRASSIR Face Recognition module detects and recognizes faces;
- TRASSIR Face Analytics - a face analysis module that counts unique visitors;
- TRASSIR Face Detector module creates a demographic profile for each client;
- TRASSIR People Counter module counts visitors and conversions;
- TRASSIR ActivePOS counts conversions;
- TRASSIR Heat Maps module - thermal video analytics of traffic;
- TRASSIR Staff Tracker module monitors the efficiency of employees and their focus on clients;
- Workplace Detector module detects employee arrival time and absences.







TRASSIR®

# TRASSIR Improves Service in Fast Food Restaurant

Fast food restaurants

## Best Burger in Town fast food chain

Rapidly developing, ambitious fast-food restaurant chain Best Burger in Town (BBT) specializing in burgers for takeout.



### Surveillance in the field

- Security of the premises and perimeter;
- Monitoring staff productivity and occupational safety compliance, anti-epidemic measures;
- Preventing theft, equipment damage, checkout fraud;
- Compliance with cooking technology use;
- Investigating disputes.

### Project objectives

To integrate a new CCTV system with the customer's existing POS system, including

- Implementing four drive-through lines with vehicle and licence plate recognition in the order area, pickup area, and parking area for distributing completed orders;
- Securing the parking area;
- Counting visitors;
- Monitoring anti-epidemic measures.

### Solution

We implemented a system of four drive-through lines optimising queue management and reducing waiting time.

- 4 TR-D2253WDZIR7 cameras;
- TRASSIR NeuroStation Compact RE network video recorder;
- AutoTRASSIR - an automatic license plate recognition module;
- TRASSIR Neuro Detector - object detection and classification based on neural networks;
- TRASSIR Neuro Counter - a neural network- based object counter.



The State of Kuwait



### Outcome

A new video surveillance system integrated with the customer's existing POS system has been implemented. It recognises license plates from the State of Kuwait, provides analytics on returning customers and target audience, and prospects for new loyalty programmes. 24/7 surveillance enables monitoring of compliance with anti-epidemic measures and cooking technology use, quick dispute resolution, and security. As a result, waiting time for orders was reduced by 30%, the number of mistaken order deliveries fell to zero, and both client loyalty and quantity increased. The customer is completely satisfied with the solution.





TRASSIR worked with Blatean Security Solutions to ensure security at the Kuwait National Guard Training Center

Training centres, Military





## Kuwait National Guard - Educational center

Kuwait National Guard Training Centre - an independent military institution designed to protect Kuwait.

Comprehensive customer security is our top priority. The above technical solution is indicated as the standard.



The State of Kuwait



### Project objectives

To improve the reliability and quality of the video surveillance system at Guard Training Centre with minimal costs: integrate TRASSIR equipment with cameras (partially outdated, analogue) and DVR by Commax brand, thereby preserving the working equipment but at the same time modernising and scaling the existing structure.



### Surveillance in the field

- Safety of health and life of all visitors of the training centre;
- Prevention of terrorism, fights, hooliganism, distribution of drugs, alcohol;
- The safety of the property of the training centre and trainees against thefts, fires, vandalism.



### Solution

Modern cameras and recorders by TRASSIR are integrated with Commax cameras and DVR system previously installed by the customer.



### Outcome

All the tasks assigned to the video surveillance system have been accomplished. Modernisation costs are minimised due to successful integration of modern equipment by TRASSIR with a system previously installed by the customer, including partially outdated cameras and DVRs of Commax brand. TRASSIR met the challenge that turned out to be incapable for competitors. The customer's existing video surveillance system has been updated and scaled with minimal investment.



TRASSIR®



البيوتات  
برجر

ELEVATION  
BURGER

RESISTANT WATER CERTIFIED ORGANIC BEEF

# TRASSIR Improves Quality of Service in a Fast Food Restaurant

Fast food restaurants



## Tabco food Object: Elevation Burger restaurant

American fast food restaurant chain specialising in organic hamburgers. Over 40 branches in the US, Bahrain, Kuwait and Qatar.

Comprehensive customer security is our top priority. The above technical solution is indicated as the standard.



The State of  
Kuwait



### Project objectives

Implement a CCTV system integrated with the customer's checkout system with feature set including:

- Implementation of a drive-thru system with vehicle and license plate recognition in the ordering, pickup, and parking areas for handing over completed orders;
- Securing the parking area;
- Counting visitors;
- Monitoring anti-epidemic measures.



### Surveillance in the field

- Site and perimeter security;
- Monitoring workforce productivity and safety, anti-epidemic measures;
- Preventing theft, equipment damage, checkout fraud;
- Compliance with cooking technology use Investigating disputes.



### Solution

- TRASSIR NeuroStation Compact RE network video recorder;
- TRASSIR outdoor IP cameras;
- AutoTRASSIR - an automatic licence plate recognition module;
- TRASSIR Neuro Detector - object detection and classification based on neural networks;
- TRASSIR Neuro Counter - a neural network based object counter.

### Outcome

The CCTV system was trained to recognise license plates from the Republic of Kuwait and integrated with a checkout system. Quick vehicle identification increased service speed. 24/7 surveillance enabled monitoring compliance with anti-epidemic measures and cooking technology use, quickly resolving disputes and ensuring security. The customer is satisfied with the solution and intends to expand the system for managing parking and analyzing visitor traffic.





TRASSIR ensured safety  
for the National Bank of Tajikistan

Banks



БОНКИ  
МИЛЛИИ  
ТОҶИКИСТОН

## National Bank of Tajikistan

The Central Bank of the Republic of Tajikistan acts as a state bank, storing and managing foreign exchange reserves and licenses. It also supervises and regulates the activities of other banks and non-banking financial institutions.

### Project objectives

Equipping the bank's offices across the country with a reliable centralised video surveillance system with high fault tolerance and a deep archive for data storage compatible with software and equipment from third-party manufacturers, easily scalable with the possibility of gradual expansion. Providing monitoring of technological processes to improve the quality of service, monitoring employee conduct, and occupational safety.



### Surveillance in the INDUSTRY

- Ensuring the safety of bank and visitor property, including ATMs;
- Monitoring places of receipt, disbursement, counting and storage of money to identify threats and provide prompt response;
- Collecting and storing video evidence for analysis in emergencies;
- Quality control of service, employee conduct, occupational safety.

### Solution

TRASSIR has implemented its video surveillance system to integrate video surveillance in distributed Bank offices. The system is centralised, error-free, fault-tolerant, easy to operate and maintain, has a user-friendly interface and software seamlessly integrated with customer equipment, with options for scaling and gradual capacity increase.

An archive for long-term, secure information storage. We used:

- 700 pcs IP cameras by various vendors;
- 6 units of UltraStation 16/10 SE TRASSIR IP recorder.



Republic of Tajikistan,  
Dushanbe



### Outcome

TRASSIR centralised video surveillance system with high fault tolerance and a 127.33TB archive for storing data effectively targeted all established objectives. The head of the Security Service is confident that the video surveillance system is failure-free, and all data is stored in an extremely secure place.

UltraStation 16/10 TRASSIR IP recorder supporting RAID 5 disk array technology and HotSwap offers the guarantee of complete security. Monitoring staff to assess compliance with service quality standards is now possible. The customer is satisfied and plans to equip all new offices with TRASSIR video surveillance systems.

Comprehensive customer security is our top priority. The above technical solution is indicated as the standard.





# TRASSIR Ensured Security at Oil and Alcohol Storage Facility in Paraguay

Oil and Alcohol storage facility





## Terminales y Logística Portuaria SA: TLP

Terminales y Logística Portuaria SA (TLP) is engaged in the transportation, delivery, storage and shipment of oil, alcohol and vegetable oil in Paraguay. It is a high-risk site that needs extreme measures to ensure its safety.

### Surveillance in the industry

Ensuring security onsite and perimeter-wise for equipment and vehicles, staff and visitors involving round-the-clock visual monitoring and monitoring of events in real time and archival data analysis.

Monitoring compliance with safety regulations and labour discipline.



### Project objectives

To ensure an integrated approach aimed at both safety of work processes and processing and storing incoming data:

- Perimeter security and onsite security control shall be implemented through a single online surveillance system integrating existing equipment;
- To introduce technologies for recognising truck license plates, state registration numbers are automatically entered into a special record-keeping system;
- Create remote access for operators, including mobile clients.



### Outcome

Customer received an easy-to-implement and cost-effective solution ensuring the most reliable protection of a high-risk facility as well as the information from the cameras itself.

The TRASSIR video surveillance system monitors the security of the facility according to a certain schedule both in real time and using archived data. A number plate recognition system has been implemented, automatic access to the territory has been organised. Remote access has been provided for operators, a mobile client has been developed to view cameras using mobile phone outside the workplace. In case of risky situations TLP employees receive system alerts in Telegram messenger. In the future TLP plans to use the obtained information arrays to study the capacity of terminals and create a detailed database of trucks potentially applicable in other systems of the company.

### Solution

Together with its regional partner INOVASI S.R.L, TRASSIR has created a professional video surveillance management system (VMS). Network video recorders and IP cameras of another vendors have been integrated into our NVR.

We used:

- 3rd party NVRs integrated into TRASSIR NVR;
- IP cameras of various vendors and TRASSIR;
- AutoTRASSIR intelligent license plate recognition module.





# TRASSIR Neuro Detection Technology Secures Bin Nabhan Mosque in Kuwait

Public institutions, Religious centres



## Bin Nabhan mosque

The Bin Nabhan mosque was founded in 1871 by Ibrahim Nabhan. It is a well-preserved architectural monument, a centre of tourism and pilgrimage for believers.

### Outcome

Full monitoring of the territory and perimeter of the mosque, including parking areas. Outdoor cameras detect gatherings of guests near the walls and on neighbouring streets.

Special monitoring of restricted areas and sacred sites.

Neuroanalytics reduces false triggering and notifies intrusion into a restricted area. The health, life and peace of mind of clerics and visitors, the property of the mosque and worshipers are protected. The face recognition feature detects undesirable and dangerous visitors at the entrance.

The customer is satisfied with the solution, helping the further expansion of TRASSIR CCTV systems in Kuwait.

We care about the safety of our customers.

This solution is given as a typical one for the field.



### Surveillance in the field

Kuwait has very high security demands, so the choice of TRASSIR CCTV systems is certainly a victory for the company in the global market.

Religious public organisations require:

- The safety of all visitors and staff at the mosque: protection from terrorism, vandalism, anti-social behaviour;
- Securing the property of worshipers and staff at the mosque.

The State of Kuwait



### Solution

24/7, uninterrupted, easy-to-operate and maintain CCTV system with a user-friendly interface and software

Equipment used:

- TRASSIR Mini NVR AF 16;
- TR-D4D2v2/TR-D4B6 cameras;
- TRASSIR Neuro Detector;
- TRASSIR NeuroStation Compact RE neural network-based IP video recorder.



### Project tasks

- Securing the site of the mosque, including parking areas, by using a reliable, fail-safe 24/7 CCTV system with a user friendly and easy-to-learn interface;
- Tighter monitoring of restricted areas;
- Detection of blacklisted persons at the entrance to prevent entry into the mosque.

TRASSIR®



# TRASSIR Ensures Security at Haliç University in Turkey

Public institutions





Halic University is a foundation university, which was founded 23 November 1998 by the Children's Leukemia Foundation in Turkey. Today, Halic University in Istanbul has over 12 000 students, and nearly 20 000 graduates. The university's premises includes 11 buildings, 65 laboratories, a conservatory, a basketball field, a tennis court, an indoor Olympic swimming pool, an indoor parking lot, and a cafeteria.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.



## Project tasks

One of the project's main objectives is to provide security for students, faculty and administration throughout the university campus.



## Solution

- TRASSIR VMS;
- 75 pcs TRASSIR Neuro Detectors;
- TRASSIR IP cameras;
- 8 pcs AutoTRASSIR 30;
- 25 pcs TRASSIR Neuro Counter;
- TRASSIR Face Recognition.



Turkey,  
Istanbul



## Surveillance in the field

- To achieve the customers goals, we installed a 24/7 perimeter surveillance with the ability to generate alarms when intruders enter restricted areas;
- Automated the entry and exit of cars at checkpoints to the territory of the educational institution using established lists;
- Provide the system to accurately count employees and students in specified areas;
- Face Recognition, installed in conjunction with the access control system, allows you to grant personnel access to certain objects according to previously created white and black lists.

## Results

- Installing and integrating TRASSIR VMS with the existing system helped to provide a single TRASSIR window for system control;
- The system for TRASSIR license plate recognition at university entrances has significantly reduced the workload of security personnel;
- Perimeter security of the facility is provided 24/7. Any unauthorized entry is detected by the system and generates alarm events;
- TRASSIR VMS and analytical module installation helped automate security processes at the site as well as reduce security costs.

TRASSIR®

مهرجان المذاق السعودي  
SAUDI FLAVOUR FESTIVAL



البوابة



## Feast Food Festival Saudi Arabia

Public places

الحالة تم التأكيد





Saudi Arabia

## About the event

Saudi Feast Food Festival, the largest of its kind in the Middle East was held December 12, 2022 - December 29, 2022, hosts visitors in a unique experience to consolidate and sustain Saudi cuisine. Various dishes from all regions of the Kingdom were introduced by local and international chefs. It is characterized by a variety of recreational, cultural, and educational activities for all ages in a winter atmosphere. The festival includes a palm and dates exhibition, a business, a restaurant, children's, a workshop, a theater and a competition zones.



### Project Objectives

- Collect statistics on the number of visitors;
- Create a portrait of visitors - namely, obtaining accurate information about unique visitors and dividing into age and gender groups;
- Ensure the safety of all guests to the event.

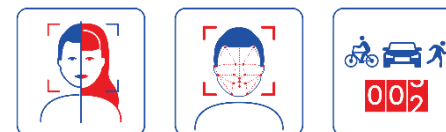
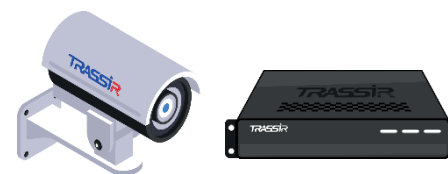


### Results

1. Thanks to Neuro Counter functionality, the event coordinators were able to obtain statistics on event attendance, specifically:
  - total number of visitors;
  - number of unique visitors.
2. Facial recognition functionality helped to determine the age groups, as well as to find people in the facial database.

### Solution

- TRASSIR IP cameras;
- TRASSIR NVRs (NeuroStation series);
- Face Recognition;
- Face Analytics;
- Neuro Counter.





TRASSIR provides security at the Zorlu Raffles Hotel in Turkey

Hotels

ZORLU  
CENTER





## About the project

The Raffles Istanbul Hotel, with its terrace and pools, is the only hotel to be awarded 5 stars by Forbes Travel Guide in 2019. The hotel is located in the Zorlu Center shopping mall, with its elite restaurants, stores of world-famous brands, fitness center, and spa and wellness complex.

We implemented this project together with our partner TELEKOM ELEKTRONİK SANAYİ VE TİCARET A.Ş. (Karadag Group).



## Project Objectives

Controlling access points to the hotel, as entrance to the territory is only designated to certain employees;

Receiving reports on arrival and departure times of staff.



## Solution

- NeuroStation 8200R/16;
- TRASSIR Face Recognition 2.0;
- FaceWork Time script.

## Results

Operators may now:

- Create an unlimited number of face lists;
- Create necessary reports;
- Respond promptly in cases of unauthorized access to the territory.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.



# TRASSIR provides security at Saudi Logistics Services (SAL) in Saudi Arabia

Logistics centres





## About the project

Saudi Logistics Services (SAL) was founded in December 2019 and today is the leading air cargo operator in the Kingdom of Saudi Arabia. The company serves all Saudi Arabian airports and handles 99% of the country's incoming and outgoing air cargo, including offices at the four key hubs of Riyadh, Jeddah, Dammam and Madinah. This makes it the leader in logistics services in the Kingdom and a key driver in the transformation of the sector envisioned in Vision 2030, which aims to transform the Kingdom into a regional logistics hub that effectively links trade in Asia, Europe and Africa.

## Video surveillance in the field

Currently, the main task is to replace and improve the existing security system being used in the Dammam office.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.



## Project Objectives

- To replace the existing VMS at one of SAL's facilities, namely the terminal in Dammam, because it was not fulfilling the customer's needs;
- To integrate 300 cameras of different brands;
- Build a system from scratch.



Saudi Arabia



## Project solution

- NeuroStation 8800R/64 INT - 5 units,
- TRASSIR AnyIP – 300 units.

## Project results

Thanks to successfully replacing the current VMS with TRASSIR, the client now has a customizable system with a wide range of analytical tools which allows them to minimize their financial losses while reducing payroll, quickly react to unauthorized territory access, and achieve reliable, maximum protection for their high-risk logistics facility.



TRASSIR®



TRASSIR provides security for Doğanköç Grup in Turkey

Logistics centres



## About the project

Since 1999 the Doğanköç Grup has been providing private security and security services to various sectors. There are several companies under the umbrella of Doğanköç Grup: Doğanköç Private Security company, Doğanköç Electronic Security and Ayışık Logistics & Human Resources.

The company provides reliable service to partners that are currently located in 30 provinces across the Aegean, Marmara, Central Anatolia, Mediterranean and Black Sea regions.

## Video surveillance in the field

The main task is to replace and upgrade the existing security system used in the office.



## Project Objectives

- Monitor and protect objects located in different locations from a single Doğanköç Grup center;
- Use the Neuro Detector video analytics module and unite the disparate system in TRASSIR CMS to monitor and secure the territory.



## Project results

By using the Neuro Detector video analytical module and uniting the fragmented system into TRASSIR CMS, the client can successfully monitor and provide security. Using the Crow control panel whose alarm outputs are connected to the alarm inputs of the cameras and using a script, workers leaving the facility activate or deactivate the Neuro Detector on all channels. In case of unauthorized entry into facility territory, the client is immediately notified and thus takes timely measures to prevent theft.



Turkey, Istanbul

## Project solution

- TRASSIR Neuro Detector provides object detection and classification based on neural networks – 120 units;
- NeuroStation 8200R/16 - 5 units;
- TRASSIR AnyIP – 120 units;
- TRASSIR AnyIP Pro Upgrade – 120 units;
- NeuroStation 8400R/32 – 2 units;
- NeuroStation 8800R/64 – 1 units;
- TRASSIR Neuro Counter – 25 units;
- TRASSIR CMS;
- TRASSIR VMS.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.





## Kinshasa State School, DR Congo

Public institutions



## Kinshasa State School, DR Congo

### About the project

Educational institutions are important social facilities that require a careful approach to safety and comfort. Schools usually experience a large visitor flow of a certain age and status and therefore have high security and accessibility requirements. A successful TRASSIR project equipped Kinshasa State School in Kinshasa, DR Congo.

### Video surveillance in the field

Currently, the main task is to build a system from scratch.



### Project Objectives

The school was experiencing legal violations and bad behavior, so it became clear that the school's security needed an upgrade involving the installation of a proper video surveillance system. The main task was to provide school security staff with visibility over the school's territory so that they could monitor and control the premises.



### Project results

The school has managed to reduce the number of violations and maintain much better control over the school territory.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.



### Project solution

- 1 x NVR NeuroStation 8800R/64,
- 47 x bullet cameras,
- 13 x PTZ cameras.



TRASSIR®



Video Surveillance System for residential complex

Residential and Commercial property

## “INNOVIA 3”

### About the project

The INNOVIA 3 complex is located in Esenyurt, which is a well-known area. Consisting of 10 blocks and 3 293 apartments, INNOVIA 3 occupies a large plot of land with an area of 95,000 m<sup>2</sup>, 85% of which is reserved for green/landscape areas and social facilities, such as children’s playgrounds, gyms, an indoor parking garage, cafes and restaurants.

A successful TRASSIR project equipped this sizable area with TRASSIR VMS and other solutions throughout the site.

### Video surveillance in the field

Guarantees the safety of all visitors and residents of INNOVIA 3 and protects from terrorism, hooliganism, theft, and fires.



### Project Objectives

The main aim was to use the unified VMS and video analytical modules to provide better safety for the residents, manage and control access to the complex's territory, and prevent any unauthorized entrance by vehicles and people thanks to timely notifications and alarms.



### Project results

Our TRASSIR solutions are planned to be added to new sites of INNOVIA, which are already under construction.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.



### Project solution

- NeuroStation 8800R/160-A8-S INT
- 160 pcs TRASSIR AnyIP,
- 40 pcs TRASSIR AnyIP win64,
- 20 pcs Neuro Detector.



TRASSIR®

Çanakkale Province, Turkey

National historic landmark



## Çanakkale Martyrs Memorial (Gallipoli Peninsula Historical Site)

### About the project

The Battle of Çanakkale, one of the most critical battles of the 1st World War, started on 18 March 1915 and continued until 9 January 1916. It was here that Ottoman soldiers fought a campaign against invading Allied forces trying to reach Istanbul.

400,000 soldiers from England, 500,000 from the Ottoman Empire, and 125,000 soldiers from France fought with the Anzacs in this war, and it therefore holds a very important place as it prolonged the war and caused a change of power in many countries.

The commemoration ceremonies culminate overlooking Çanakkale (Dardanelles) Strait. The peninsula is teeming with visitors these days: some are students on school trips while others are citizens who travel to the site with tours organized by municipalities.

A successful TRASSIR project equipped the site with TRASSIR VMS.

We implemented it in cooperation with our partner, LION TECHNOLOGY DIŞ TİCARET A.Ş.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

### Video surveillance in the field

The main task was securing the property of visitors and staff at The Gallipoli Peninsula.



### Project Objectives

- The Gallipoli Peninsula was experiencing crime and poor behavior, making it clear that security needed an upgrade involving the installation of a proper video surveillance system;
- The main task was to provide Gallipoli Peninsula security staff with visibility over the territory so they could monitor and control all visitors' activities and vehicles.



### Project results

The Video Management System and analytical software were integrated into hundreds of existing cameras in the Gallipoli Historic Area Presidency peninsula, and alarm system installation was completed in 2023.

### Project solution

- TRASSIR AnyIP VMS - 300 units;
- 10 pcs Heatmaps;
- 22 pcs License Plate Recognition System and Reporting;
- 40 Person Counting System and Reporting modules;
- 35 pcs cameras, site security, critical facilities and museums, alarm system and reporting.





TRASSIR®

Gaziosmanpaşa, Turkey

Residential property



## Essenora residential complex

### About the project

Essenora was built to increase living standards, add value to residents' lives and change the face of Gaziosmanpaşa by providing modern appeal. It includes not only standard apartments, but also terrace apartments, where people have terrace access from every room.

Essenora is located just by Vialand, which is the first and only European scaled team park, Forum Istanbul Shopping Center and others. The project is in front of the city park which is 50.000 sqm. Essenora includes a fitness center, sauna, sports facilities, indoor parking lots, playgrounds and a swimming pool, providing a complete life inside the residential compound.

We implemented this project in cooperation with our partner, LION TECHNOLOGY DIŞ TİCARET A.Ş.



### Project Objectives

- Implement a surveillance system that ensures total control over the territory and guarantees the absolute safety of residents, visitors, and property, while also providing scalability and self-diagnostics of malfunctions for prompt repair;
- Reduce staff and duties of the security service;
- Provide access control to checkpoint gates using license plate recognition;
- Create a deep archive that stores an evidence base for the investigation of criminal or controversial situations.



Turkey

### Project solution

- 30 pcs cameras, site security, critical facilities and restricted areas, alarm system and reporting;
- 10 pcs AutoTRASSIR (LPR) modules and reporting.



### Project results

Video Management System and analytical software were integrated into the existing cameras at Essenora Residence, one of the most prestigious residence complexes in Istanbul, and alarm system installation was completed in 2022.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.



TRASSIR®

Edirne, Turkey

Manufacturing

# Edirne Organized Industrial Zone

## About the project

Edirne Organized Industrial Zone is located on a 107 hectare area of Edirne Municipality, under the control of the Turkish Ministry of Industry and Trade since June, 22nd, 1995. There are many manufacturers exporting to EU countries. The site is very close to European Union borders.

We implemented this project in cooperation with our partner, LION TECHNOLOGY DIŞ TİCARET A.Ş.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.



## Project Objectives

The main task of this project was to equip the area with a system to control, monitor and detect all license plates using AutoTRASSIR/200, a smart license plate recognition module.



## Project results

The AutoTRASSIR (LPR) System and Average Speed Corridor System were integrated into existing cameras in the Edirne Organized Industrial Zone, and alarm system installation was completed in 2022.



## Project solution

- AutoTRASSIR (LPR);
- Average Speed Corridor System.



TRASSI®

faurecia

Faurecia Poliplex Automotive Factory, Turkey

Manufacturing

# Faurecia

## Faurecia Poliplex Automotive Factory

### About the project

With 111,000 employees in 33 countries, Faurecia is a top ten global automotive supplier, and Faurecia Poliplex Automotive Factory is Renault Otomotiv's largest supplier of spare parts. A successful TRASSIR project equipped the factory with The Neuro Detection (Area Violation) System integrated into existing cameras.

We implemented this project in cooperation with our partner, LION TECHNOLOGY DIŞ TİCARET A.Ş.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.



### Project Objectives

- Ensuring the safety of workers in the factory area;
- Create an alarm with a sound and a siren.



### Project results

In the event of workers entering the area during forklift operation in critical areas within the factory, an audible siren warning was created using Neuro Detection analytics. As a result, the workers' safety was ensured within the scope of personal protective security measures. Alarm warning installation was completed in 2022.



Turkey

### Project solution

- Neuro Detection (Area Violation) System





TRASSIR®

cengiz makina

cengiz  
makina

An Impro Company

Cengiz Makina Factory

Manufacturing





## Cengiz Makina Factory

### About the project

One of the leading players of the metal machining industry, renowned for its superior, high-precision products, Cengiz was incorporated in 1981, Istanbul.

The company has reputation for its superior and high-precision products in the machining industry. Since August 2014, Cengiz has been a fully owned subsidiary of the IMPRO Group.

Incorporated in September 1998, IMPRO is a leading global manufacturer of high-precision, high-complexity and mission-critical components for diverse end-markets including aviation, medical, construction equipment, farming equipment, highly-rated engines, hydraulic equipment, recreational boats and vehicles.

A successful TRASSIR project equipped Cengiz Makina, located in Tuzla, Istanbul. We implemented the project in cooperation with our partner, LION TECHNOLOGY DIŞ TİCARET A.Ş.



### Project Objectives

To ensure safe operation within the steel processing shops and maintain perimeter security using Face Recognition.



### Project results

The Face Recognition System was integrated into the existing cameras at Cengiz Makina, located in Tuzla, Istanbul, and alarm warning installation was completed in 2023.



Turkey

### Project solution

- Face Recognition System



Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.



TRASSIR®

# Istanbul Acibadem Kosuyolu Residence

Residential property



## Istanbul Acibadem Kosuyolu Residence

### About the project

Acibadem, one of the most valuable and elite districts of Istanbul, is where both modern life and neighborhood culture come together. In the Istanbul Acibadem Residence adjacent to Acibadem Street, a unique neighborhood unfolds where you can find both modern life and neighborhood culture. In cooperation with our partner LION TECHNOLOGY DIŞ TİCARET A.Ş., TRASSIR has implemented another successful project which will benefit the compound's residents, security staff and the property's safety.

### Video surveillance in the field

Ensuring the security of the residents of Acibadem Kosuyolu Residence, creating an alarm by detecting people attempting to enter without permission using perimeter cameras.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.



### Project Objectives

- Implement a surveillance system that ensures total control over the territory and guarantees the absolute safety of residents, visitors, and property, while providing scalability and self-diagnostics of malfunctions for prompt repair;
- Reduce staff and duties of the security service;
- Provide checkpoint access control;
- Create a deep archive that stores the evidence base for investigation of criminal or controversial situations.

### Project solution

- The Neuro Detection (Area Violation) System



### Project results

The Neuro Detection (Area Violation) System was integrated into the existing cameras in Istanbul Koşuyolu Mansions and the alarm warning installation was completed in 2023.



TRASSI<sup>®</sup>

MATA  
Automotive

Mata Automotive Factory

Manufacturing



# Mata Automotive Factory

## About the project

A successful TRASSIR project equipped Mata Automotive Factory located in Tuzla, Istanbul.

Mata Automotive was founded in 2004, with the global manufacturing expansion in recent years from its original sites in Istanbul, Turkey to Birmingham, UK and Nová Ves, Slovakia, Mata has quickly established itself as a cost-competitive and high-quality supplier of real wood and carbon fiber decorative components worldwide.

Mata holds all the appropriate certifications and accreditations required by the automotive industry and is well-placed globally to cater to specific customer and project requirements, whether these be one-off projects, or programs of over 100,000 vehicles per year.

We implemented this project in cooperation with our partner, LION TECHNOLOGY DIŞ TİCARET A.Ş.



## Project Objectives

To ensure safe operation within the steel processing shops and maintain perimeter security using Face Recognition.



## Project results

VMS and 35 Face Recognition Systems were integrated into existing cameras at the Mata Automotive Factory and alarm warning installation was completed in 2023.



Turkey

## Project solution

- TRASSIR VMS;
- 35 pcs Face Recognition Systems.



Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.



# The Islamic University of Madinah, Saudi Arabia

Public Institutions

# The Islamic University of Madinah

## About the project

The Islamic University of Madinah was founded by the government of Saudi Arabia by royal decree in 1961 in the Islamic holy city of Medina. It provides Islamic, Arab sciences and other knowledge to students from over 170 countries who speak 50 languages. It deals with scientific research and community services, using the best technology to help distribute the message of Islam. We are implementing this project with our partner in Saudi Arabia, Asaqefah Business Development Company.

## Video surveillance in the field

Currently there are over 3000 cameras at the university.



## Project Objectives

The main task was to upgrade and replace the security system and improve overall security at the University. The TRASSIR CCTV system will be used to monitor the activities of students, staff, and visitors, and will help ensure that everyone follows the rules and regulations.



## Project results

We are currently in the process of setting up video analytics, after which we will move on to other areas of the university by covering most of the cameras.

In conclusion, TRASSIR has helped to maintain a safe and secure environment for everyone by providing effective surveillance that will help guarantee security and discipline in the future.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.



Madinah,  
Saudi Arabia



## Project solution

- NeuroStation 8800R/64 INT 6 pcs
- Neuro Counter licenses 24 pcs
- Direction Detector licenses 24 pcs
- Neuro Detector licenses 40 pcs
- TRASSIR AnyIP licenses 128 pcs
- Workplace Detector 40 pcs





[trassir.com](https://trassir.com)



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